

Title (en)
RECIPROCATING REFRIGERATION COMPRESSOR WRIST PIN RETENTION

Title (de)
KOLBENBOLZEN-HALTEVORRICHTUNG EINES REZIPROKIERENDEN KÄLTEMITTELVERDICHTERS

Title (fr)
RÉTENTION D'UN AXE DE PISTON D'UN COMPRESSEUR DE RÉFRIGÉRANT RÉCIPROQUE

Publication
EP 2893188 B1 20160914 (EN)

Application
EP 13737735 A 20130627

Priority
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• US 2013048165 W 20130627

Abstract (en)
[origin: WO2014039149A1] A compressor (20) has a case (22) and a crankshaft (38). The case has a number of cylinders (30 32). For each of the cylinders, the compressor includes a piston (34) mounted for reciprocal movement at least partially within the cylinder. A connecting rod (36) couples each piston to the crankshaft. A pin (44) couples each connecting rod to the associated piston. Each pin has first (52) and second (53) end portions mounted to first (56) and second (57) receiving portions of the associated piston and a central portion (48) engaging the associated connecting rod. For each of the pistons a pair of first and second at least partially non metallic plugs have respective stems received in the pin first and second end portions and respective heads facing a wall surface of the associated cylinder.

IPC 8 full level
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